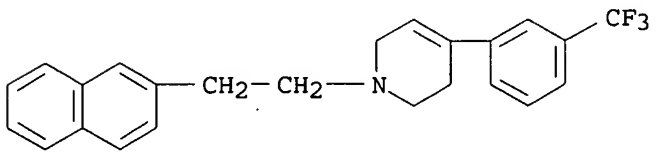
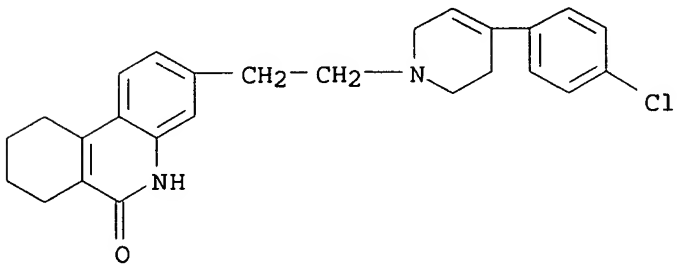
```
=> s l9 and apoptosis
          844 L9
       115500 APOPTOSIS
L26         2 L9 AND APOPTOSIS

=> s l10 and apoptosis
       115500 APOPTOSIS
L27         2 L10 AND APOPTOSIS

=> d l27 ibib hitstr 1-2

L27  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2004:333893  CAPLUS
DOCUMENT NUMBER:          140:351653
TITLE:                    method for detection of late-onset neurodegenerative
                          disease susceptibility by D-amino acid oxidase (DAO)
                          abnormality
INVENTOR(S):              Mitchell, John; De Belleroche, Jacqueline
PATENT ASSIGNEE(S):       Imperial College Innovations Limited, UK
SOURCE:                   PCT Int. Appl., 209 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
     WO 2004033723         A2    20040422    WO 2003-GB4337           20031006
     WO 2004033723         A3    20040603
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
             GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
             LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
             OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
             TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     AU 2003269256         A1    20040504    AU 2003-269256           20031006
PRIORITY APPLN. INFO.:                       GB 2002-23424       A    20021009
                                             WO 2003-GB4337      W    20031006
IT   135354-02-8, 1(2-Naphth-2-ylethyl)-4-(3-trifluoromethylphenyl)-
     1,2,3,6-tetrahydropyridine
     RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (amyotrophic lateral sclerosis therapy for; method for detection of
        late-onset neurodegenerative disease susceptibility by D-amino acid
        oxidase (DAO) abnormality)
RN   135354-02-8  CAPLUS
CN   Pyridine, 1,2,3,6-tetrahydro-1-[2-(2-naphthalenyl)ethyl]-4-[3-
     (trifluoromethyl)phenyl]- (9CI)  (CA INDEX NAME)
```



L27 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:777765 CAPLUS
DOCUMENT NUMBER: 139:292164
TITLE: Preparation of phenanthridinones as PARP inhibitors
INVENTOR(S): Yamamoto, Hirofumi; Mukoyoshi, Koichiro; Hattori, Kouji
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

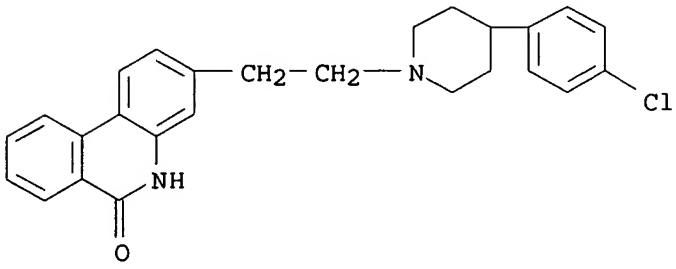
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080581	A1	20031002	WO 2003-JP3579	20030325
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2480384	AA	20031002	CA 2003-2480384	20030325
AU 2003217491	A1	20031008	AU 2003-217491	20030325
EP 1487800	A1	20041222	EP 2003-712891	20030325
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005521698	T2	20050721	JP 2003-578336	20030325
US 2005171101	A1	20050804	US 2003-508004	20030325
PRIORITY APPLN. INFO.:			AU 2002-1374 A	20020326
			WO 2003-JP3579 W	20030325

OTHER SOURCE(S): MARPAT 139:292164
IT **608126-24-5P 608126-25-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of phenanthridinones as PARP inhibitors)
RN 608126-24-5 CAPLUS
CN 6(5H)-Phenanthridinone, 3-[2-[4-(4-chlorophenyl)-3,6-dihydro-1(2H)-pyridinyl]ethyl]-7,8,9,10-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 608126-25-6 CAPLUS
CN 6(5H)-Phenanthridinone, 3-[2-[4-(4-chlorophenyl)-1-piperidinyl]ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l23 ibib hitstr 1-21

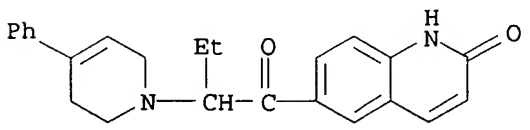
L23 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:700014 CAPLUS
DOCUMENT NUMBER: 137:216963
TITLE: Preparation of piperazinylalkyl- and piperidinylalkylcarbostyril derivatives with antihistaminic, anti-aggressive, and adrenaline antagonist activity for treatment of CNS disorders
INVENTOR(S): Banno, Kazuo; Fujioka, Takafumi; Osaki, Masaaki; Nakagawa, Kazuyuki
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan
SOURCE: U.S., 64 pp., Division of U.S. Ser. No. 240,306.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4455422	A	19840619	US 1982-366335	19820407 <--
JP 56125370	A2	19811001	JP 1980-28805	19800306 <--
JP 63025585	B4	19880526		
JP 57038772	A2	19820303	JP 1980-115022	19800820 <--
JP 63020430	B4	19880427		
ZA 8101438	A	19820331	ZA 1981-1438	19810304 <--
US 4460593	A	19840717	US 1982-366337	19820407 <--
US 4567187	A	19860128	US 1982-366336	19820407 <--
US 4619932	A	19861028	US 1983-473641	19830309 <--
AT 8400541	A	19880515	AT 1984-541	19840217 <--
AT 387215	B	19881227		
NL 8802223	A	19890102	NL 1988-2223	19880909 <--
NL 187209	B	19910201		
NL 187209	C	19910701		

PRIORITY APPLN. INFO.:

JP 1980-28805	A	19800306
JP 1980-115022	A	19800820
US 1981-240306	A3	19810304
AT 1981-984	A	19810303
NL 1981-1099	A3	19810306

IT **80836-75-5P**, 6-[1-Oxo-2-(4-phenyl-1,2,5,6-tetrahydro-1-pyridyl)butyl]carbostyril monohydrochloride
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(CNS agent; preparation of piperazinylalkyl- and piperidinylalkyldihydrocarbostyrils with antihistaminic, anti-aggressive, and adrenaline antagonist activity for treatment of central nervous system disorders)
RN 80836-75-5 CAPLUS
CN 2(1H)-Quinolinone, 6-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)-1-oxobutyl]-, monohydrochloride (9CI) (CA INDEX NAME)



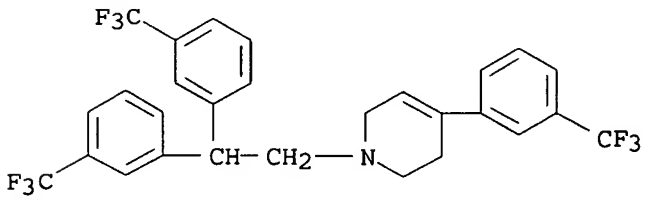
● HCl

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

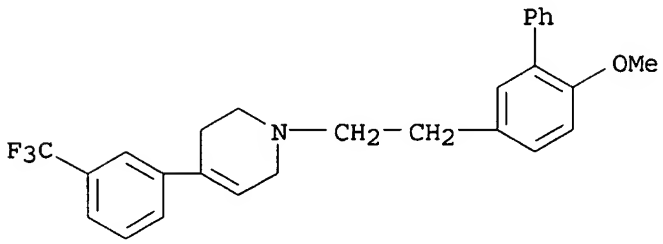
L23 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:719266 CAPLUS
DOCUMENT NUMBER: 129:343417
TITLE: Preparation of tetrahydropyridine derivatives for treating diseases causing demyelination
INVENTOR(S): Bourrie, Bernard; Casellas, Pierre; Maffrand, Jean-pierre
PATENT ASSIGNEE(S): Sanofi, Fr.
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9848802	A1	19981105	WO 1998-FR774	19980417 <--
W: AU, BR, BY, CA, CN, CZ, EE, HU, ID, IL, IS, JP, KR, LK, LT, LV, MX, NO, NZ, PL, RU, SG, SI, SK, TR, UA, US, VN, YU				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
FR 2762514	A1	19981030	FR 1997-5275	19970429 <--
FR 2762514	B1	19991022		
CA 2288241	AA	19981105	CA 1998-2288241	19980417 <--
AU 9874364	A1	19981124	AU 1998-74364	19980417 <--
EP 979079	A1	20000216	EP 1998-921552	19980417
EP 979079	B1	20040616		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9810234	A	20000919	BR 1998-10234	19980417
JP 2002501498	T2	20020115	JP 1998-546648	19980417
AT 269077	E	20040715	AT 1998-921552	19980417
PT 979079	T	20041029	PT 1998-921552	19980417
ES 2222593	T3	20050201	ES 1998-921552	19980417
ZA 9803602	A	19981102	ZA 1998-3602	19980429 <--
NO 9905245	A	19991227	NO 1999-5245	19991027
MX 9910016	A	20000331	MX 1999-10016	19991029
US 6344464	B1	20020205	US 2000-403507	20000418
PRIORITY APPLN. INFO.:			FR 1997-5275 A	19970429
			WO 1998-FR774 W	19980417

OTHER SOURCE(S): MARPAT 129:343417
IT **209159-21-7P 215245-95-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of tetrahydropyridine derivs. for treating diseases causing demyelination)
RN 209159-21-7 CAPLUS
CN Pyridine, 1-[2,2-bis[3-(trifluoromethyl)phenyl]ethyl]-1,2,3,6-tetrahydro-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

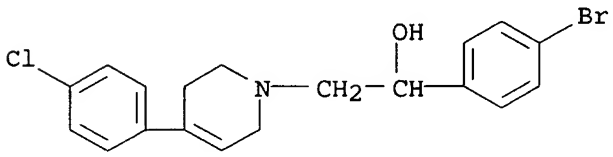


RN 215245-95-7 CAPLUS
CN Pyridine, 1,2,3,6-tetrahydro-1-[2-(6-methoxy[1,1'-biphenyl]-3-yl)ethyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:474285 CAPLUS
DOCUMENT NUMBER: 129:189224
TITLE: Benzyl cation-initiated intramolecular cyclizations. Synthesis of 1-azabicyclo[3.2.1]octene derivatives
AUTHOR(S): Csuzdi, Emese; Pallagi, Istvan; Sziraki, Istvan; Solyom, Sandor
CORPORATE SOURCE: Institute Drug Research Ltd., Budapest, H-1045, Hung.
SOURCE: Journal fuer Praktische Chemie/Chemiker-Zeitung (**1998**), 340(5), 472-475
CODEN: JPCCEM; ISSN: 0941-1216
PUBLISHER: Johann Ambrosius Barth
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 129:189224
IT **211947-86-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of azabicyclo[3.2.1]octenes by benzyl cation-initiated intramol. cyclization)
RN 211947-86-3 CAPLUS
CN 1(2H)-Pyridineethanol, α-(4-bromophenyl)-4-(4-chlorophenyl)-3,6-dihydro- (9CI) (CA INDEX NAME)



L23 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:402421 CAPLUS
DOCUMENT NUMBER: 129:81669
TITLE: Preparation of diphenylalkyltetrahydropyridines and their neurotrophic and neuroprotective properties
INVENTOR(S): Baroni, Marco; Cardamone, Rosanna; Fournier, Jacqueline; Guzzi, Umberto
PATENT ASSIGNEE(S): Sanofi, Fr.
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

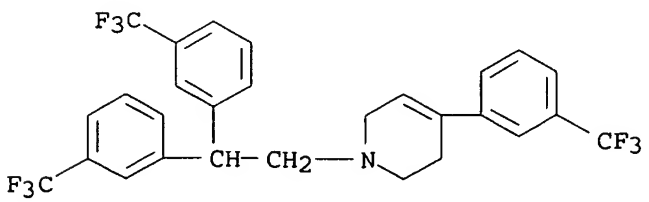
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9825904	A1	19980618	WO 1997-FR2289	19971212 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
FR 2757161	A1	19980619	FR 1996-15336	19961213 <--
FR 2757161	B1	19990312		
CA 2274946	AA	19980618	CA 1997-2274946	19971212 <--
CA 2274946	C	20050920		
AU 9854895	A1	19980703	AU 1998-54895	19971212 <--
AU 730142	B2	20010301		
EP 950049	A1	19991020	EP 1997-951326	19971212
EP 950049	B1	20011017		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
CN 1240428	A	20000105	CN 1997-180583	19971212
CN 1144784	B	20040407		
BR 9713926	A	20000321	BR 1997-13926	19971212
NZ 336032	A	20001222	NZ 1997-336032	19971212
JP 2001505903	T2	20010508	JP 1998-526323	19971212
AT 207056	E	20011115	AT 1997-951326	19971212
PT 950049	T	20020328	PT 1997-951326	19971212
ES 2167805	T3	20020516	ES 1997-951326	19971212
CZ 290242	B6	20020612	CZ 1999-2110	19971212
EE 3764	B1	20020617	EE 1999-238	19971212
RU 2198874	C2	20030220	RU 1999-115082	19971212
SK 283332	B6	20030603	SK 1999-787	19971212
NO 9902870	A	19990811	NO 1999-2870	19990611
NO 313282	B1	20020909		
MX 9905468	A	20000331	MX 1999-5468	19990611
US 6124318	A	20000926	US 1999-331005	19990727
HK 1024001	A1	20041231	HK 2000-103246	20000531
PRIORITY APPLN. INFO.:			FR 1996-15336 A	19961213
			WO 1997-FR2289 W	19971212

OTHER SOURCE(S): MARPAT 129:81669

IT **209159-21-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and neurotrophic and neuroprotective properties of diphenylalkyltetrahydropyridines)

RN 209159-21-7 CAPLUS

CN Pyridine, 1-[2,2-bis[3-(trifluoromethyl)phenyl]ethyl]-1,2,3,6-tetrahydro-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

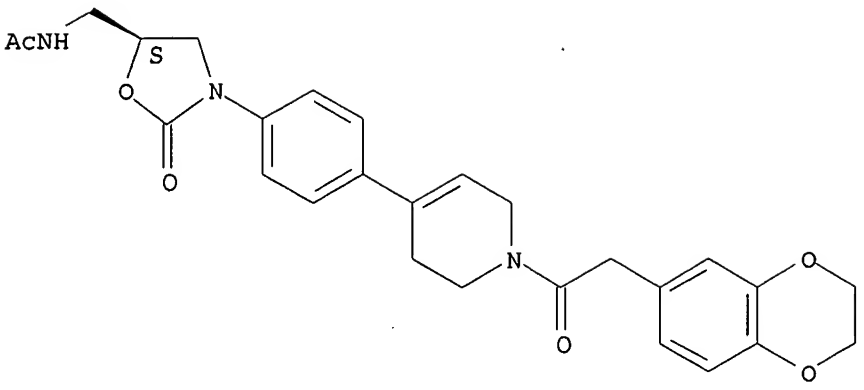
L23 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:579718 CAPLUS
DOCUMENT NUMBER: 127:248104
TITLE: Preparation of aryloxooxazolidinylmethylacetamides and related compounds as antibacterials.
INVENTOR(S): Gravestock, Michael Barry
PATENT ASSIGNEE(S): Zeneca Ltd., UK; Gravestock, Michael Barry
SOURCE: PCT Int. Appl., 111 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9730995	A1	19970828	WO 1997-GB462	19970220 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
ZA 9701469	A	19970825	ZA 1997-1469	19970220 <--
AU 9718053	A1	19970910	AU 1997-18053	19970220 <--
EP 882042	A1	19981209	EP 1997-903509	19970220 <--
R: CH, DE, FR, GB, IT, LI				
JP 11514662	T2	19991214	JP 1997-529888	19970220
US 5981528	A	19991109	US 1997-945160	19971021
US 6271383	B1	20010807	US 1999-364389	19990730
US 6365751	B1	20020402	US 2001-836095	20010417

PRIORITY APPLN. INFO.:		
GB 1996-3939	A	19960224
GB 1996-18404	A	19960904
WO 1997-GB462	W	19970220
US 1997-945160	A3	19971021
US 1999-364389	A3	19990730

OTHER SOURCE(S): MARPAT 127:248104
IT **195817-12-0P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of aryloxooxazolidinylmethylacetamides and related compds. as antibacterials)
RN 195817-12-0 CAPLUS
CN Acetamide, N-[[3-[4-[1-[(2,3-dihydro-1,4-benzodioxin-6-yl)acetyl]-1,2,3,6-tetrahydro-4-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]-, (S)- (9CI) (CA INDEX NAME)

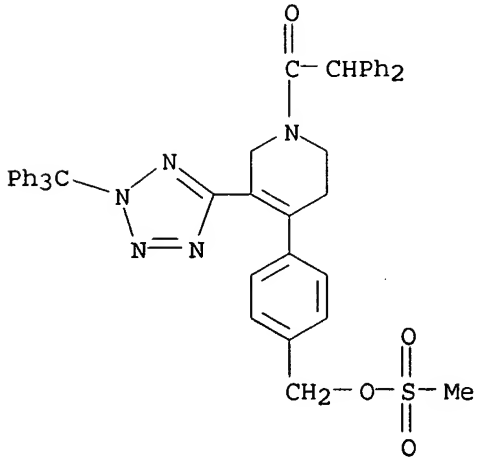
Absolute stereochemistry.



L23 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:316309 CAPLUS
DOCUMENT NUMBER: 122:187581
TITLE: Angiotensin-II receptor blocking, azacycloalkyl or azacycloalkenyl benzylimidazoles
INVENTOR(S): Duncia, John J. V.
PATENT ASSIGNEE(S): Du Pont Merck Pharmaceutical Co., USA
SOURCE: U.S., 34 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5376666	A	19941227	US 1992-983307	19921130 <--

PRIORITY APPLN. INFO.: US 1992-983307 19921130
OTHER SOURCE(S): MARPAT 122:187581
IT **161491-39-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(angiotensin-II receptor blocking azacycloalkyl or azacycloalkenyl benzylimidazoles)
RN 161491-39-0 CAPLUS
CN Pyridine, 1-(diphenylacetyl)-1,2,3,6-tetrahydro-4-[4-[[(methylsulfonyl)oxy]methyl]phenyl]-5-[2-(triphenylmethyl)-2H-tetrazol-5-yl]- (9CI) (CA INDEX NAME)

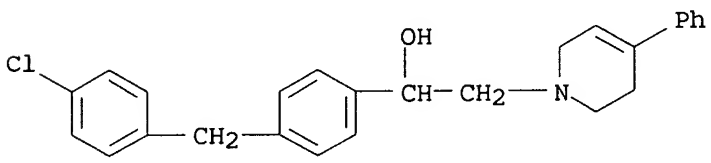


L23 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:625833 CAPLUS
DOCUMENT NUMBER: 119:225833
TITLE: Hydroxyalkyl-substituted 1,2,3,6-tetrahydropyridine and piperidine derivatives for treatment of tissue hypoxia and ischemia
INVENTOR(S): Harsanyi, Kalman; Gizur, Tibor; Agai-Csongor, Eva; Kallay-Sohonyai, Anna; Kapolnas-Pap, Marta; Csizer, Eva; Hegedus, Bela; Szporny, Laszlo; Kiss, Bela; et al.
PATENT ASSIGNEE(S): Richter, Gedeon, Vegyeszeti Gyar Rt., Hung.
SOURCE: PCT Int. Appl., 29 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9311107	A1	19930610	WO 1992-HU50	19921201 <--
W: AU, CA, CS, FI, JP, KR, LK, NO, NZ, PL, RO, RU, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
HU 63384	A2	19930830	HU 1991-3747	19911202 <--
HU 211019	B	19950928		
ZA 9209011	A	19930517	ZA 1992-9011	19921120 <--
AU 9230937	A1	19930628	AU 1992-30937	19921201 <--
JP 07501338	T2	19950209	JP 1992-509985	19921201 <--
EP 642497	A1	19950315	EP 1992-924845	19921201 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1072927	A	19930609	CN 1992-113583	19921202 <--
US 5589486	A	19961231	US 1995-244867	19950117 <--

PRIORITY APPLN. INFO.:
HU 1991-3747 A 19911202
HU 1992-3747 A 19920609
WO 1992-HU50 A 19921201

OTHER SOURCE(S): MARPAT 119:225833
IT **150495-29-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and antihypoxic and antiischemic activity of)
RN 150495-29-7 CAPLUS
CN 1(2H)-Pyridineethanol, α-[4-[(4-chlorophenyl)methyl]phenyl]-3,6-dihydro-4-phenyl- (9CI) (CA INDEX NAME)



L23 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:506012 CAPLUS
DOCUMENT NUMBER: 115:106012
TITLE: Use of trifluoromethylphenyletetrahydropyridines for the treatment of intestinal motility disturbances.
INVENTOR(S): Bianchetti, Alberto; Croci, Tiziano; Manara, Luciano
PATENT ASSIGNEE(S): SANOFI, Fr.; Midy S.p.A.
SOURCE: Eur. Pat. Appl., 6 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

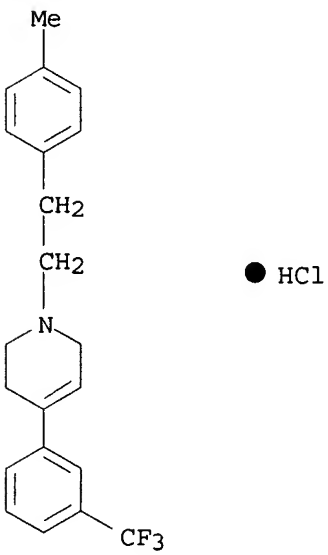
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 412901	A2	19910213	EP 1990-402257	19900807 <--
EP 412901	A3	19910508		
EP 412901	B1	19930505		
R: AT, BE, CH, DE, DK, FR, GB, IT, LI, LU, NL, SE				
FR 2650505	A1	19910208	FR 1989-10617	19890807 <--
FR 2650505	B1	19940603		
JP 03077824	A2	19910403	JP 1990-207489	19900803 <--
JP 2952425	B2	19990927		
US 5109005	A	19920428	US 1990-563196	19900806 <--
AT 88892	E	19930515	AT 1990-402257	19900807 <--
US 5266573	A	19931130	US 1993-38082	19930329 <--

PRIORITY APPLN. INFO.:

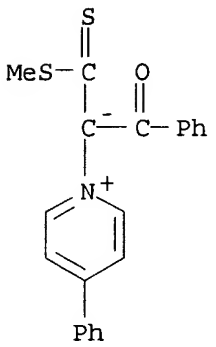
FR 1989-10617	A	19890807
US 1990-563196	A3	19900806
EP 1990-402257	A	19900807
US 1992-836251	B1	19920218

OTHER SOURCE(S): CASREACT 115:106012; MARPAT 115:106012
IT **135354-04-0**
RL: BIOL (Biological study)
(treatment of intestinal motility disorder with)
RN 135354-04-0 CAPLUS
CN Pyridine, 1,2,3,6-tetrahydro-1-[2-(4-methylphenyl)ethyl]-4-[3-(trifluoromethyl)phenyl]-, hydrochloride (9CI) (CA INDEX NAME)

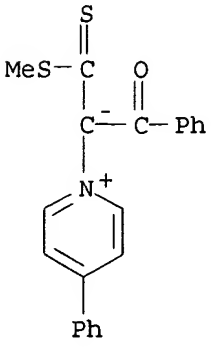


L23 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1989:553700 CAPLUS
DOCUMENT NUMBER: 111:153700
TITLE: Preparation of new benzimidazole derivatives from N-[(methylthio)thiocarbonylmethyl]azinium salts
AUTHOR(S): Cuadro, Ana M.; Alvarez-Builla, Julio; Vaquero, Juan J.
CORPORATE SOURCE: Dep. Quim. Org., Univ. Alcala de Henares, Madrid, Spain
SOURCE: Heterocycles (**1989**), 29(1), 57-65
CODEN: HTCYAM; ISSN: 0385-5414

DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 111:153700
IT **112777-14-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and debenzoylation of)
RN 112777-14-7 CAPLUS
CN Pyridinium, 4-phenyl-, 1-benzoyl-2-(methylthio)-2-thioxoethylide (9CI) (CA INDEX NAME)



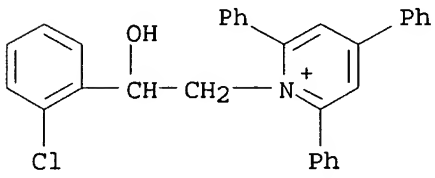
L23 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1988:75210 CAPLUS
DOCUMENT NUMBER: 108:75210
TITLE: Synthesis and structure of dithioester stabilized pyridinium ylides
AUTHOR(S): Alvarez-Builla, J.; Galvez, E.; Cuadro, A. M.; Florencio, F.; Garcia Blanco, S.
CORPORATE SOURCE: Dep. Quim. Org., Univ. Alcala de Henares, Madrid, Spain
SOURCE: Journal of Heterocyclic Chemistry (**1987**), 24(4), 917-26
CODEN: JHTCAD; ISSN: 0022-152X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 108:75210
IT **112777-14-7P**
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and crystal structure of)
RN 112777-14-7 CAPLUS
CN Pyridinium, 4-phenyl-, 1-benzoyl-2-(methylthio)-2-thioxoethylide (9CI) (CA INDEX NAME)



L23 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1984:490732 CAPLUS
DOCUMENT NUMBER: 101:90732
TITLE: Reactions of pyridinium ylides with aldehydes and with Michael acceptors
AUTHOR(S): Katritzky, Alan R.; Rubio, Olga; Aurrecoechea, Jose M.; Patel, Ranjan C.
CORPORATE SOURCE: Dep. Chem., Univ. Florida, Gainesville, FL, 32611, USA
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (**1984**), (5), 941-5
CODEN: JCPRB4; ISSN: 0300-922X
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **91226-11-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and thermolysis of)
RN 91226-11-8 CAPLUS
CN Pyridinium, 1-[2-(2-chlorophenyl)-2-hydroxyethyl]-2,4,6-triphenyl-, tetrafluoroborate(1-) (9CI) (CA INDEX NAME)

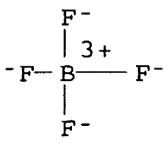
CM 1

CRN 91226-10-7
CMF C31 H25 Cl N O



CM 2

CRN 14874-70-5
CMF B F4
CCI CCS



L23 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1984:407038 CAPLUS
DOCUMENT NUMBER: 101:7038
TITLE: [(Trifluoromethyl)phenyl]tetrahydropyridines with anorexic activity and their pharmaceutical compositions
INVENTOR(S): Nisato, Dino; Frigerio, Marco; Miranda, Giovana F.
PATENT ASSIGNEE(S): Sanofi, Fr.; Midy S.p.A.
SOURCE: Eur. Pat. Appl., 32 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

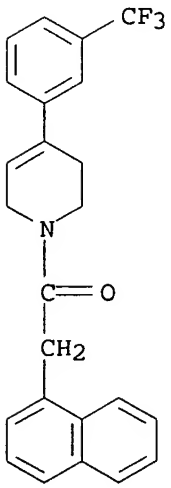
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 101381	A1	19840222	EP 1983-401639	19830810 <--
EP 101381	B1	19851204		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
FR 2531707	A1	19840217	FR 1982-14169	19820816 <--
FR 2531707	B1	19850118		
IL 69348	A1	19860930	IL 1983-69348	19830726 <--
ZA 8305577	A	19840425	ZA 1983-5577	19830729 <--
CA 1245662	A1	19881129	CA 1983-433799	19830803 <--
AU 8317579	A1	19840223	AU 1983-17579	19830804 <--
AU 562789	B2	19870618		
AT 16805	E	19851215	AT 1983-401639	19830810 <--
ES 525358	A1	19841001	ES 1983-525358	19830812 <--
DK 8303719	A	19840217	DK 1983-3719	19830815 <--
DK 169269	B1	19940926		
FI 8302930	A	19840217	FI 1983-2930	19830815 <--
FI 73992	B	19870831		
FI 73992	C	19871210		
NO 8302923	A	19840217	NO 1983-2923	19830815 <--
NO 161855	B	19890626		
NO 161855	C	19891004		
JP 59084865	A2	19840516	JP 1983-149513	19830816 <--
JP 05057266	B4	19930823		
US 4521428	A	19850604	US 1983-523565	19830816 <--
PRIORITY APPLN. INFO.:			FR 1982-14169 A	19820816
			EP 1983-401639 A	19830810

OTHER SOURCE(S): CASREACT 101:7038; MARPAT 101:7038

IT **90494-75-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydride reduction of)

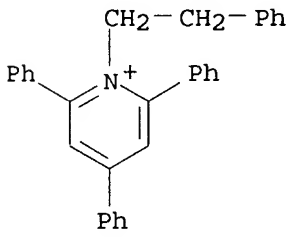
RN 90494-75-0 CAPLUS

CN Pyridine, 1,2,3,6-tetrahydro-1-(1-naphthalenylacetyl)-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



L23 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1984:191706 CAPLUS
DOCUMENT NUMBER: 100:191706
TITLE: Elimination reactions of pyridinium cations
AUTHOR(S): Katritzky, Alan R.; El-Mowafy, Azzahra M.; Leddy, Bernard
CORPORATE SOURCE: Sch. Chem. Sci., Univ. East Anglia, Norwich, NR4 7TJ, UK
SOURCE: Arab Gulf Journal of Scientific Research (1983-1986) (**1983**), 1(1), 85-97
CODEN: AGJRE8; ISSN: 0256-4548
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **89930-93-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and thermal elimination of, olefin by)
RN 89930-93-8 CAPLUS
CN Pyridinium, 2,4,6-triphenyl-1-(2-phenylethyl)-, chloride (9CI) (CA INDEX NAME)

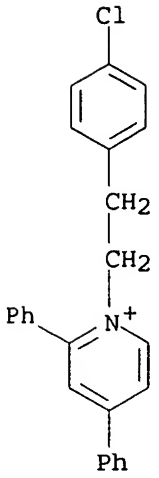


● Cl⁻

L23 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1983:178836 CAPLUS
DOCUMENT NUMBER: 98:178836
TITLE: The conversion of primary amines into nitrones: an extension of the Kroehnke reaction
AUTHOR(S): Katritzky, Alan R.; Dabbas, Nadira; Patel, Ranjan C.; Cozens, Andrew J.
CORPORATE SOURCE: Dep. Chem., Univ. Florida, Gainesville, FL, 32611, USA
SOURCE: Recueil: Journal of the Royal Netherlands Chemical Society (**1983**), 102(1), 51-4
CODEN: RJRSDK; ISSN: 0165-0513
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 98:178836
IT **85056-95-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and condensation of, with nitrosoaniline)
RN 85056-95-7 CAPLUS
CN Pyridinium, 1-[2-(4-chlorophenyl)ethyl]-2,4-diphenyl-, perchlorate (9CI) (CA INDEX NAME)

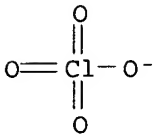
CM 1

CRN 85056-87-7
CMF C25 H21 Cl N



CM 2

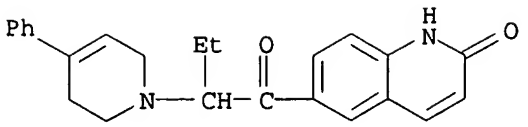
CRN 14797-73-0
CMF Cl O4



L23 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1983:143285 CAPLUS
DOCUMENT NUMBER: 98:143285
TITLE: Carbostyril derivatives
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 101 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57142972	A2	19820903	JP 1981-28552	19810227 <--
JP 02015537	B4	19900412		
JP 01221315	A2	19890904	JP 1988-43120	19880224 <--
JP 03051687	B4	19910807		

PRIORITY APPLN. INFO.: JP 1981-28552 19810227
OTHER SOURCE(S): CASREACT 98:143285
IT **80836-75-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and pharmacol. properties of)
RN 80836-75-5 CAPLUS
CN 2(1H)-Quinolinone, 6-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)-1-oxobutyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L23 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1982:85434 CAPLUS
DOCUMENT NUMBER: 96:85434
TITLE: Carbostyril derivatives and their use in therapy
INVENTOR(S): Banno, Kazuo; Fujioka, Takafumi; Osaki, Masaaki; Nakagawa, Kazuyuki
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd. , Japan
SOURCE: Fr. Demande, 184 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2477542	A1	19810911	FR 1981-4311	19810304 <--
FR 2477542	B1	19830909		
JP 56125370	A2	19811001	JP 1980-28805	19800306 <--
JP 63025585	B4	19880526		
JP 57038772	A2	19820303	JP 1980-115022	19800820 <--
JP 63020430	B4	19880427		
DE 3107601	A1	19820204	DE 1981-3107601	19810227 <--
DE 3107601	C2	19890720		
CA 1155119	A1	19831011	CA 1981-371904	19810227 <--
DE 3152880	C2	19900322	DE 1981-3152880	19810227 <--
AU 8167973	A1	19810910	AU 1981-67973	19810302 <--
AU 523005	B2	19820708		
FI 8100669	A	19810907	FI 1981-669	19810303 <--
FI 76323	B	19880630		
FI 76323	C	19881010		
AT 8100984	A	19860215	AT 1981-984	19810303 <--
AT 381307	B	19860925		
ZA 8101438	A	19820331	ZA 1981-1438	19810304 <--
CH 647775	A	19850215	CH 1981-1446	19810304 <--
SU 1367857	A3	19880115	SU 1981-3257001	19810304 <--
BE 887800	A1	19810907	BE 1981-204016	19810305 <--
DK 8100997	A	19810907	DK 1981-997	19810305 <--
DK 155282	B	19890320		
DK 155282	C	19890807		
NO 8100765	A	19810907	NO 1981-765	19810305 <--
NO 159531	B	19881003		
NO 159531	C	19890111		
SE 8101409	A	19810907	SE 1981-1409	19810305 <--
SE 447255	B	19861103		
SE 447255	C	19870212		
ES 500137	A1	19821101	ES 1981-500137	19810305 <--
GB 2071094	A1	19810916	GB 1981-7036	19810306 <--
GB 2071094	B2	19840926		
NL 8101099	A	19811001	NL 1981-1099	19810306 <--
NL 184364	B	19890201		

NL 184364	C	19890703			
ES 509658	A1	19830401	ES 1982-509658	19820216	<--
ES 509659	A1	19830501	ES 1982-509659	19820216	<--
SU 1779249	A3	19921130	SU 1982-3406699	19820318	<--
ES 518667	A1	19840616	ES 1982-518667	19821229	<--
AT 8400541	A	19880515	AT 1984-541	19840217	<--
AT 387215	B	19881227			
NL 8802223	A	19890102	NL 1988-2223	19880909	<--
NL 187209	B	19910201			
NL 187209	C	19910701			

PRIORITY APPLN. INFO.:

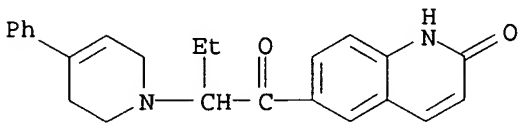
JP 1980-28805	A	19800306
JP 1980-115022	A	19800820
AT 1981-984	A	19810303
NL 1981-1099	A3	19810306

OTHER SOURCE(S): CASREACT 96:85434

IT **80836-75-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 80836-75-5 CAPLUS

CN 2(1H)-Quinolinone, 6-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridinyl)-1-oxobutyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L23 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1981:461912 CAPLUS

DOCUMENT NUMBER: 95:61912

TITLE: Synthesis of 6-methyl-2-arylindolizines containing phenyl, p-ethylbenzyl, or 2,3,4-trimethylbenzyl substituents at carbon-7

AUTHOR(S): Prostakov, N. S.; Kuznetsov, V. I.; Romero, Ivan; Zvolinskii, V. P.

CORPORATE SOURCE: USSR

SOURCE: Zhurnal Organicheskoi Khimii (**1981**), 17(3), 653-7
CODEN: ZORKAE; ISSN: 0514-7492

DOCUMENT TYPE: Journal

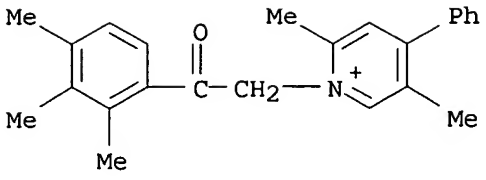
LANGUAGE: Russian

OTHER SOURCE(S): CASREACT 95:61912

IT **78394-79-3P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclocondensation of)

RN 78394-79-3 CAPLUS

CN Pyridinium, 2,5-dimethyl-1-[2-oxo-2-(2,3,4-trimethylphenyl)ethyl]-4-phenyl-, bromide (9CI) (CA INDEX NAME)

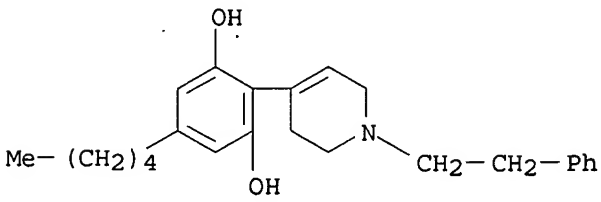


● Br^-

L23 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1980:146622 CAPLUS
DOCUMENT NUMBER: 92:146622
TITLE: 2-(N-Phenethyl-4-piperidinyl)-5-pentyl resorcinol
INVENTOR(S): Winn, Martin
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: U.S., 7 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

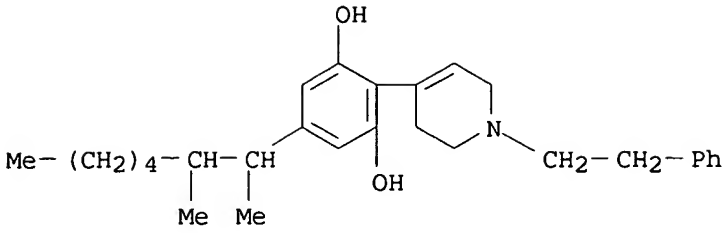
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4180669	A	19791225	US 1978-890154	19780327 <--
PRIORITY APPLN. INFO.:			US 1976-749634 A2	19761213
OTHER SOURCE(S):	MARPAT 92:146622			

IT **73109-94-1P 73173-65-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and gastric secretion inhibition by)
RN 73109-94-1 CAPLUS
CN 1,3-Benzenediol, 5-pentyl-2-[1,2,3,6-tetrahydro-1-(2-phenylethyl)-4-pyridinyl]-, hydrochloride (9CI) (CA INDEX NAME)



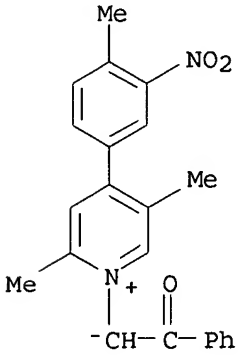
● HCl

RN 73173-65-6 CAPLUS
CN 1,3-Benzenediol, 5-(1,2-dimethylheptyl)-2-[1,2,3,6-tetrahydro-1-(2-phenylethyl)-4-pyridinyl]-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

L23 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1979:456794 CAPLUS
DOCUMENT NUMBER: 91:56794
TITLE: Preparation of pyridinium ylides, 1,4-dihydropyridines, and indolizines from γ-nitrophenyl- and γ-nitrobenzylpyridines
AUTHOR(S): Prostakov, N. S.; Krapivko, A. P.; Soldatenkov, A. T.; Savina, A. A.; Romero, I.
CORPORATE SOURCE: Univ. Druzh. Nar., Moscow, USSR
SOURCE: Khimiya Geterotsiklicheskikh Soedinenii (**1979**), (3), 384-9
CODEN: KGSSAQ; ISSN: 0453-8234
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 91:56794
IT **70586-03-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and conversion of, to indolizines)
RN 70586-03-7 CAPLUS
CN Pyridinium, 2,5-dimethyl-4-(4-methyl-3-nitrophenyl)-, 2-oxo-2-phenylethylide (9CI) (CA INDEX NAME)

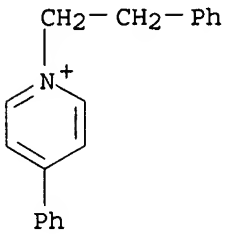


L23 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1970:132544 CAPLUS
DOCUMENT NUMBER: 72:132544
TITLE: Hypotensive pyridinium salts
INVENTOR(S): Ritchie, Alexander C.; Eastwood, Eric; Garside, Peter
PATENT ASSIGNEE(S): Allen and Hanburys Ltd.
SOURCE: Brit., 7 pp.
CODEN: BRXXAA
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1183046		19700304	GB 1966-28898	19660628 <--
FR 6679			FR	
US 3575985		19710420	US	19670626 <--

OTHER SOURCE(S): MARPAT 72:132544
IT **27132-47-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 27132-47-4 CAPLUS
CN Pyridinium, 4-phenyl-1-(2-phenylethyl)-, iodide (9CI) (CA INDEX NAME)

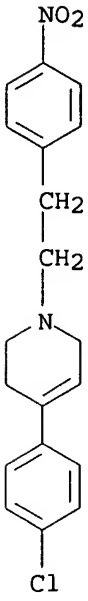


● I⁻

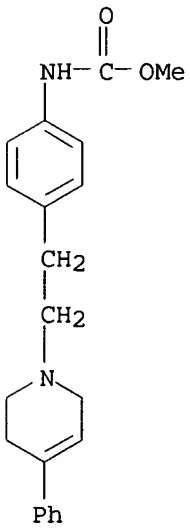
L23 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1964:440365 CAPLUS
DOCUMENT NUMBER: 61:40365
ORIGINAL REFERENCE NO.: 61:6994d-h,6995a-d
TITLE: Heterocyclics
INVENTOR(S): Wragg, William R.; Ash, Anthony S. F.; Creighton, Andrew M.
PATENT ASSIGNEE(S): May & Baker Ltd.
SOURCE: 9 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 948071		19640129	GB 1959-15048	19600429 <--
US 3209006		19650928	US 1961-132551	19610821 <--

PRIORITY APPLN. INFO.: GB 19600429
IT **94303-68-1**, Pyridine, 4-(p-chlorophenyl)-1,2,3,6-tetrahydro-1-(p-nitrophenethyl)- **94916-75-3**, Carbanilic acid, p-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridyl)ethyl]-, methyl ester
(preparation of)
RN 94303-68-1 CAPLUS
CN Pyridine, 4-(p-chlorophenyl)-1,2,3,6-tetrahydro-1-(p-nitrophenethyl)- (7CI) (CA INDEX NAME)

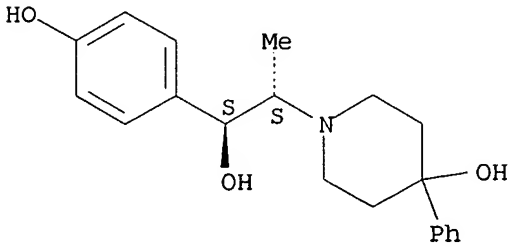


RN 94916-75-3 CAPLUS
CN Carbanilic acid, p-[2-(3,6-dihydro-4-phenyl-1(2H)-pyridyl)ethyl]-, methyl ester (7CI) (CA INDEX NAME)

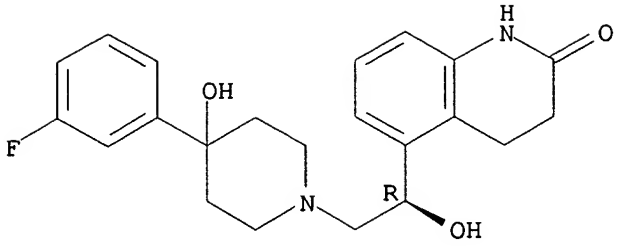


```
=> s l23 and apoptosis
        115500 APOPTOSIS
L24          0 L23 AND APOPTOSIS

=> s l23 and prion
          7128 PRION
L25          0 L23 AND PRION
```

```
=> s l10 and prion
          7128 PRION
L28          4 L10 AND PRION

=> d l28 ibib hitstr 1-4

L28  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2005:1170963  CAPLUS
DOCUMENT NUMBER:          143:440755
TITLE:                    Combinations comprising α-2-δ ligands and
                          NMDA receptor antagonists
INVENTOR(S):              Hizue, Masanori; Imai, Aki; Toide, Katsuo
PATENT ASSIGNEE(S):       Pfizer Japan, Inc., Japan; Pfizer Inc.
SOURCE:                   PCT Int. Appl., 69 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     WO 2005102390         A2    20051103    WO 2005-IB988           20050411
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
             NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
             SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
             ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.:                          US 2004-564374P     P  20040422
IT   134234-12-1, Traxoprodil 868561-90-4
     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (combinations comprising α-2-δ ligands and NMDA receptor
        antagonists)
RN   134234-12-1  CAPLUS
CN   1-Piperidineethanol, 4-hydroxy-α-(4-hydroxyphenyl)-β-methyl-4-
     phenyl-, (αS,βS)- (9CI)  (CA INDEX NAME)

Absolute stereochemistry.  Rotation (+).
```




```
RN   868561-90-4  CAPLUS
CN   2(1H)-Quinolinone, 5-[(1R)-2-[4-(3-fluorophenyl)-4-hydroxy-1-piperidinyl]-
     1-hydroxyethyl]-3,4-dihydro- (9CI)  (CA INDEX NAME)

Absolute stereochemistry.  Rotation (-).
```



L28 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1004355 CAPLUS
DOCUMENT NUMBER: 143:279430
TITLE: Use of D4 and 5-HT2a antagonists, inverse agonists or partial agonists
INVENTOR(S): Buntinx, Erik
PATENT ASSIGNEE(S): Belg.
SOURCE: U.S. Pat. Appl. Publ., 126 pp., Cont.-in-part of U.S. Ser. No. 803,793.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005203130	A1	20050915	US 2004-984683	20041109
US 2005119253	A1	20050602	US 2003-725965	20031202
US 2005119248	A1	20050602	US 2004-752423	20040106
US 2005119249	A1	20050602	US 2004-803793	20040318
EP 1541197	A1	20050615	EP 2004-25035	20041021
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
WO 2005053796	A1	20050616	WO 2004-BE172	20041202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:

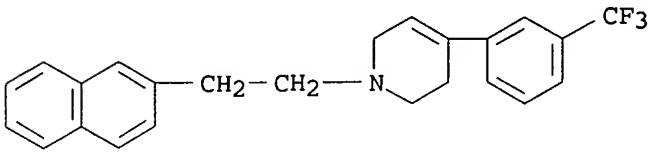
US 2003-725965	A2 20031202
EP 2004-447001	A 20040105
US 2004-752423	A2 20040106
US 2004-803793	A2 20040318
EP 2004-25035	A 20041021
CA 2003-2451798	A 20031202
EP 2003-447279	A 20031202
CA 2004-2461248	A 20040318
EP 2004-447066	A 20040318
JP 2004-349085	A 20041104
US 2004-984683	A 20041109
CA 2004-2487529	A 20041115

IT **135354-02-8**, Xaliproden
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)
(use of D4 and 5-HT2A antagonists or inverse agonists or partial agonists in treatment of emotional dysregulation in mental disorders combined with other agents)

RN 135354-02-8 CAPLUS

CN Pyridine, 1,2,3,6-tetrahydro-1-[2-(2-naphthalenyl)ethyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



L28 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:516281 CAPLUS

DOCUMENT NUMBER: 143:38421

TITLE: Use of D4 and 5-HT2A antagonists, inverse agonists or partial agonists

INVENTOR(S): Buntinx, Erik

PATENT ASSIGNEE(S): B&B Beheer N. V., Belg.

SOURCE: Eur. Pat. Appl., 145 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 6

PATENT INFORMATION:

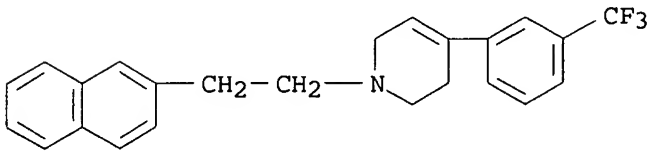
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1541197	A1	20050615	EP 2004-25035	20041021
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
EP 1547650	A1	20050629	EP 2003-447279	20031202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
EP 1576985	A1	20050921	EP 2004-447066	20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
JP 2005194263	A2	20050721	JP 2004-349085	20041104
US 2005203130	A1	20050915	US 2004-984683	20041109
CA 2487529	AA	20050602	CA 2004-2487529	20041115
WO 2005053796	A1	20050616	WO 2004-BE172	20041202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:

EP 2003-447279	A	20031202
EP 2004-447001	A	20040105
EP 2004-447066	A	20040318
CA 2003-2451798	A	20031202
US 2003-725965	A2	20031202
US 2004-752423	A2	20040106

CA 2004-2461248	A	20040318
US 2004-803793	A2	20040318
EP 2004-25035	A	20041021
JP 2004-349085	A	20041104
US 2004-984683	A	20041109
CA 2004-2487529	A	20041115

IT **135354-02-8**, Xaliproden
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(use of D4 and 5-HT2A antagonists or inverse agonists or partial agonists in treatment of emotional dysregulation in mental disorders combined with other agents)
RN 135354-02-8 CAPLUS
CN Pyridine, 1,2,3,6-tetrahydro-1-[2-(2-naphthalenyl)ethyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:1080774 CAPLUS
DOCUMENT NUMBER: 142:49247
TITLE: Methods for the protection of memory and cognition using indole derivatives
INVENTOR(S): Cali, Brian M.; Chien, Yueh-Tyng; Currie, Mark G.; Talley, John Jeffrey; Zimmerman, Craig
PATENT ASSIGNEE(S): Microbia, Inc., USA
SOURCE: PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004108085	A2	20041216	WO 2004-US17503	20040601
WO 2004108085	A3	20050714		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2527114	AA	20041216	CA 2004-2527114	20040601
US 2005004104	A1	20050106	US 2004-859335	20040601
EP 1628532	A2	20060301	EP 2004-754170	20040601
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				

PRIORITY APPLN. INFO.: US 2003-475204P P 20030530

OTHER SOURCE(S): MARPAT 142:49247

IT **90494-76-1**, SR 57746
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combination with; indole derivs. for treatment of memory disorders)

RN 90494-76-1 CAPLUS

CN Pyridine, 1,2,3,6-tetrahydro-1-[2-(1-naphthalenyl)ethyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)